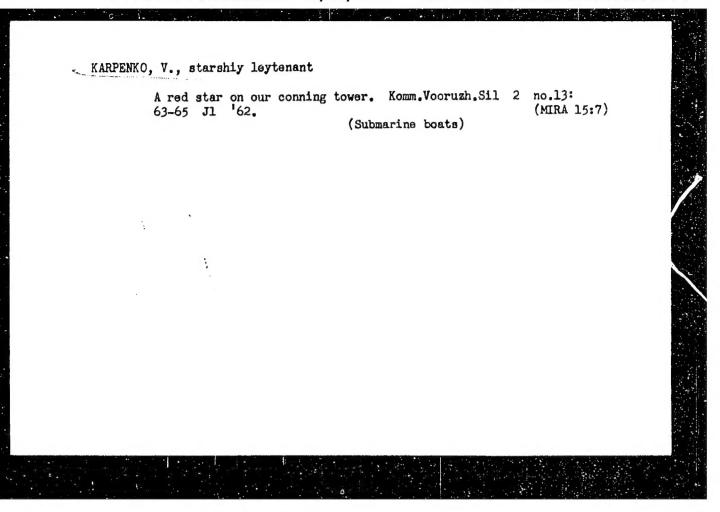
STANTSO, V. (Moskva); KARPENKO, V., master; FROLOV, N., slesar';
YANKOVSKIY, Ye., inzh. (g.Odessa); KAGAN, I.; VOTYAKOV, A.,
slesar' (pos.Putintsevo, Kazakhskaya SSR); YEVDOKIMOV, A.,
tokar' (Moskva)

Suggested, created, introduced. Izobr. i rats. no.8:16-17 ag
'61.

1. Zavod Amurstal', g. Khabarovsk (for Karpenko, Frolov). 2.
Nachal'nik proizvodstvennogo otdela zavoda khimicheskogo mashinostroyeniya, g. Penza (for Kagan).

(Technological innovation)



SOLOV'YEV, A.D., dotsent, kand.tekhn.nauk; KARPENKO, V.A., assistent

Results of adjusting the guide lines of the ShS-1000 conveyor at the Saratov Technical Glass Plant by the use of the MH-2 microlevels designed by the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography. Izv.vys.ucheb.zav.; geod.i aerof. no.6:47-57 '61. (MIRA 15:3)

1. Saratovskiy politekhnicheskiy institut.
(Saratov-Conveying machinery) (Leveling)

KARPENKO, V.A., starshty prepodavatel!

Analyzing the accuracy of the precision leveling of ShS-1000 conveyor supports. Izv. vys. ucheb. zav.; geod. i aerof. no.5:47-50 (MTRA 18:5)

1. Saratovskiy politekhnicheskiy institut. Rekomendovana kafedroy geodezii.

L 30055-65 EMI(x)/Enp(u)/ena(a)/t/eap(t)/EMP(k)/EMP(b) Pf-	4 HIN/39/HA 4	7 :
ACCESSION NR: A	4	s/0133/65/000/001/		
i		f technical sciences);	Yuferov. V. M. (Cand	1-
date of technica	ovskiy, O. A. (Doctor of al sciences); Pavlovski Ya. (Engineer); Vovsina	y, B. G. (Engineer); Vo	rona, V. M. (Engines	r)1
Lezinskaya, Ye.	Ya. (Engineer); Voverna	Kukarakikh, V. N. (Eng		
TITLE: Masterin	ng the production of 1K	115N9S3B steel pipe		
SOURCE: Stal',	no. 1, 1965, 49-52	,		
TOPIC TAGS: ste	eel pipe, pipe rolling,	austenite steel, mark	tensite steel, s <u>tain</u> teel 1Kh15N9S3B	less'
steel, stainless	s steel pipe, atcel pha	Be transformers.		
ABSTRACT: Phase	e transformations of aung cold deformation has	stenite into martensi	te in 1Kh15N9S3B sta: ideration in develop	in-
and a discolored	hallow-bloo bea-dad a-	nines. The martenalte	B DOING LAY FOR THE O	1
la	is steel lies around 15 between 500 and 700C.	Mass production of the	UTHABITED TIMITALIANA	. 4
	uite possible if the ra	w material is free of	Adiffers from 1Kh18	NIOT: 4
	lower Cr contest substi	tuted by 3% Si. It s	hows interesting pro	per-
(nitrides and comby having a 3%	- A			
(nitrides and comby having a 3%	****			
(nitrides and comby having a 3%				

hot rolling accumulation strength to	its ductil	ity change artensite 0 mm diame os were ob ous tempera	takes pl ter bill served. tures an	ace during cold detailed of the content of the content of the content of the tests. The fo	and the breakdown eformation. Tests in great detail. were subjected to the ferro-magnetic llowing procedure 150C. Ready pipelion.	Great tensile alpha- was re-	
heat treate by cold wor Despite mar Cold drawin accumulatio in the work	d at 1050-11 king but hea tensite form g was also a n of nitride ," Orig. a	OGC. This treatment to the column treatment	steel hater de rolling exception. "G. ifigures	nas a tendency to removes this hard ng was satisfactor for cracks where N. Syusin and B. and 2 tables.	ness nearly complete to the complete to the consideration of the conside	nation.	
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Card2/2		. 300					

KARPENKO, Vladimir, inz.

Television transmission by light rays. Cs spoje 8 no.2:25 Ap '63.

1. Hospodarska ustredna spoju.

KARPENKO, Vladimir

Rlectric power sources for artificial satellites. Cs spoje 8 no.4:18-21 Ag '63.

1. Studující fyzikalní chemie, Prirodovedecka fakulta Karlovy university.

12(0)

PHASE I BOOK EXPLOITATION

SOV/2378

Karpenko, Vladimir Georgiyevich, Candidate of Technical Sciences, Docent

Zimnyaya ekspluatatsiya kolesnykh i gusenichnykh mashin (Operation of Wheeled and Crawler-type Vehicles Under Winter Conditions) Moscow, Voyenizdat, 1958 255 p. Number of copies printed not given.

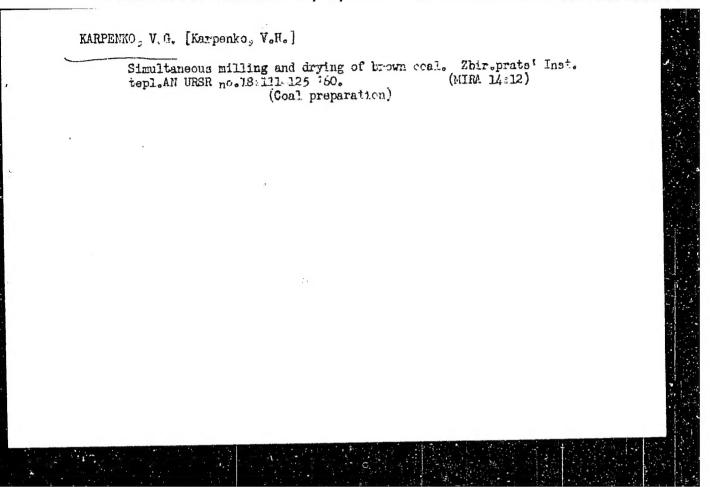
Ed.: N. F. Pochtarev, Candidate of Technical Sciences, Engineer, Colonel; Tech. Ed.: A. N. Mednikova.

PURPOSE: This book is intended as a manual for officers, engineers and technicians concerned with wheeled and caterpillar-type vehicles

COVERAGE: The author discusses aspects of the operation of wheeled and caterpillar vehicles under winter conditions. He presents a description and examples of calculations for equipment used with these vehicles in cold weather. He provides necessary information on winter fuels, lubricants and antifreezes. No personalities are mentioned There are 21 references, all Soviet.

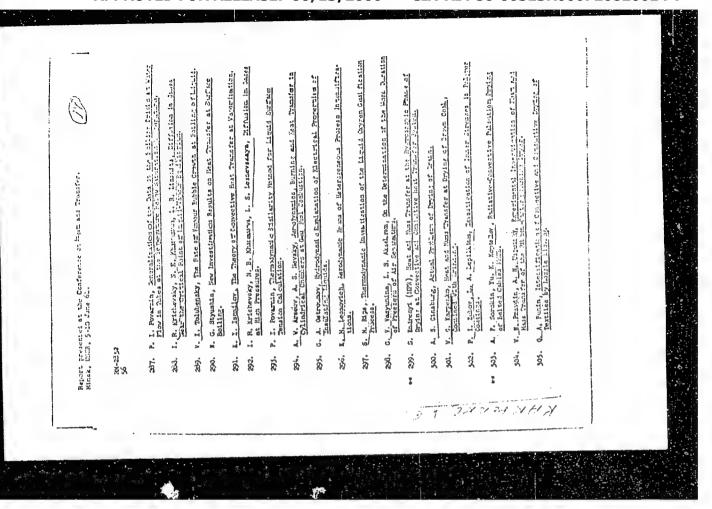
TABLE OF CONTENTS:

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CIA-RDP86-00513R000720820014-7"

Example Market M

Manometric analysis of gases. Zbir.prats' Inst.topl.AN URSR no.23:45-48 '61. (MIRA 15:2)

(Gases—Analysis)

Coal drying in a hammer mill. Zbir. prats' Inst. tepl. AN UESR no.25:34-43 '62. (MIRA 17:1)

s/080/63/036/001/011/026 D204/D307

AUTHORS:

Mitkevich, E.M., Karpenko, V.G., Knigavko,

I.P. and Grom, L.S.

TITLE:

Corrosion of apparatus during the production

of potassium by the alkali method

PERIODICAL:

Zhurnal prikladnoy khimii, v. 36, no. 1,

1963, 109 - 114

TEXT:

The main corrosive agents in the apparatus

(M.I. Klyashtornyy, ZhPKh, 31, 5, 684 (1958)) which are considered are KOH, K and K202. Since the effects of KOH + K, KOH + + K₂O₂, and KOH + K₂O₂ + K mixtures on metals are largely unexplored, the effects of (a) pure dehydrated KOH, (b) pure dehydrated KOH + 10 % K, (c) ditto KOH + 0.5 % of active oxygen and (d) ditto + air, were studied on Ni, steel-3, and Cr-Ni steels ЭИ- 628 and ЭИ- 943 (EI-628 and EI-943), at 500°C. The temperature was maintained to \pm 5°C; experiments with (a) and (b) were carried out under nitrogen, (c) and (d) in the presence of

Card 1/2

ACCESSION NR: AT4028339

\$/0000/63/000/000/0193/0196

AUTHOR: Karpenko, V. G.; Poteryayko, A. S.

TITLE: Study of the individual stages of potassium ozonide synthesis

SOURCE: Soveshchaniye po khimii perekisny*kh soyedineniy. Second, Moscow, 1961. Khimiya perekisny*kh soyedineniy (chemistry of peroxide compounds); Doklady* soveshchaniy. Moscow, Izd-vo AN SSSR, 1963, 193-196

TOPIC TAGS: potassium ozonide, potassium ozonide synthesis, potassium hydroxide, boiling layer principle, ozonizer, ozonide, potassium

ABSTRACT: In order to explain the conditions which secure the achievement of a product with a maximum potassium ozonide content, the authors studied the effect of the temperature and the ozone concentration on the speed of the potassium ozonide formation process. Potassium ozonide synthesis in these experiments was done in a reactor operating on the "boiling" layer principle. Experiments were conducted within a wide temperature range of from -20°C to +5°C with an ozone concentration of 5-6%. The results of the effect of the temperature and the concentration are shown in graphs. A diagram of the laboratory installation is presented. It is shown that the reaction of the potassium ozonide formation also occurs at a positive temperature

Card 1/2

ACCESSION NR: AT4028339

of +5°C. The maximum content of active oxygen in the ozonide oxide was 28-wt-4.

ASSOCIATION: Nauchno-issledovatel skiy institut osnovnoy khimii, G. Kharkov (Scientific Research Institute of Basic Chemistry)

SUBMITTED: 13Dec63

DATE ACQ: 06Apr64

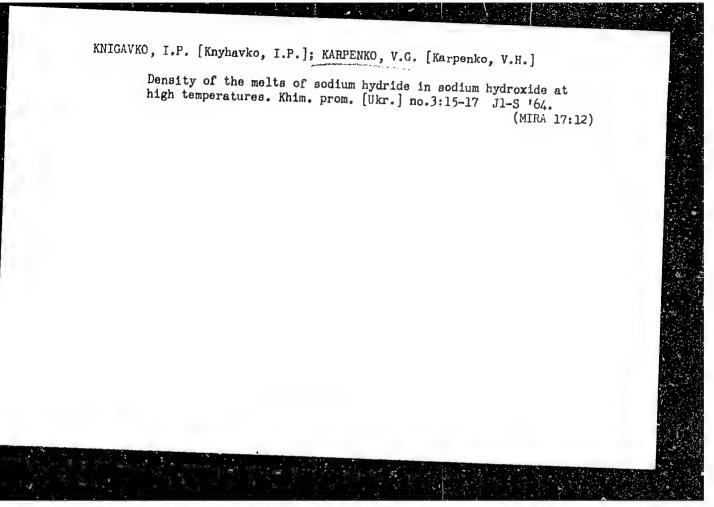
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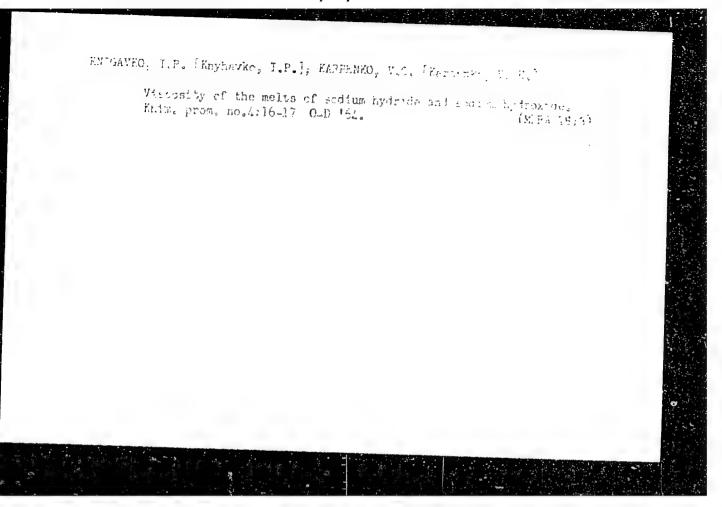
SUB CODE: CH

NO REF SOV: 002

OTHER: 001

Card 2/2





KMIGAVEO, 1.P. (actacle, 1.C.); KARPERKO, V.G. [Karpenko, V.H.]

Elasticity of the dissociation of the products of hydrides.

Khim. prom.[Ukr.] no.1:29-30 Ja-Mr '65. (MIRA 18:4)

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	a)=2/EWT(a)/RPF(n)=2/EWP(/0286/65/000/	018/007/ /007
INVENTOR: Mitke	vich, E. M.; Karpenko, V.	G.	, = , , , ,	
ORG: none			9a 4.	35
ITLE: Production	on of potassium metal. Co	logo ko w sele		
OURCE: Byullete	n' izobreteniy i tovarnyk	th znakov. no. 17479	106s zi.	
OPIC TAGS. Poto	and	,,	1907, 14	
name and poca	ssium, potassium extracti	on		
SSTRACT: An Aut the reduction of tassium is pour order to increa ated to 360C and	hor Certificate has been of molten potassium hydroed into a mixer, cooled tase the yield of potassium tooled to 120-1500.	issued for a methoxide with metallic o 120—150C, and p m, the slime remai		reduced container. ixer is re-
SSTRACT: An Aut. the reduction obtassium is pour order to increase to 360C and	hor Certificate has been of molten potassium hydroed into a mixer, cooled tase the yield of potassium tooled to 120-1500.	issued for a methoxide with metallic o 120—150C, and p m, the slime remai		
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SSTRACT: An Aut the reduction of ptassium is pour order to increa ated to 360C and B CODE: MM/ SU	hor Certificate has been of molten potassium hydroed into a mixer, cooled tase the yield of potassium tooled to 120-1500.	issued for a methoxide with metallic o 120—150C, and p m, the slime remai		reduced container. ixer is re-
SSTRACT: An Aut. the reduction of the transium is pour order to increase the transit of the tra	hor Certificate has been of molten potassium hydroed into a mixer, cooled tase the yield of potassium tooled to 120-1500.	issued for a methoxide with metallic o 120—150C, and p m, the slime remai		reduced container. ixer is re-

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L 07423-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR. AR6027564 SOURCE CODE: UR/0272/66/000/005/0100/0100

AUTHOR: Knyhavko, I. P.: Karpenko. V. H.

TITLE: A viscometer for measuring the viscosity of aggressive melts

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 5.32.715

REF SOURCE: Khim. prom-st*. Inform. nauk.-tekhn. zb., no. 4(24), 1965, 71-72

TOPIC TAGS: viscosimeter, tin plating, fluid viscosity

ABSTRACT: The authors describe a viscometer developed for measuring the viscosity of aggressive tinning melts over a wide range (from tenths of a centipoise to several hundred poises) at temperatures up to 600°C and pressures up to 25 atm. The instrument may be used for studying materials which undergo thermal dissociation. The falling ball method is used for determining high viscosity and the rolling ball method is used for determining low viscosity. Induction pickups are used to register the time required for the ball to pass through a given distance. An oscillograph is used for recording the resultant signals. 1 illustration, bibliography of 4 titles. P. Agaletskiy. [Translation of abstract]

SUB CODE: 20

Card 1/1 /2)

UDC; 543.217;533.16;53,08

KARPMAN, V.I. (Novosibirsk)

Damping of longitudinal plasma oscillations of finite amplitude.
PMTF no.4:3-9 Jl-Ag '64. (MIRA 17:10)

KARPENKO, V. I., Cand Med Sci -- (diss) "Clinico-Anatomical Basis for Supratrochlear Archive Extraperitoneal Incision in Calculi the Gascone Portion of the Ureter." Stalino, 1957. ll pp (Stalino Medical Inst im A. M. Gor'kiy), 200 copies (KL, 48-57, 109)

- 70 -

Karpenko, V. I. "The Krasnoyarak plant in the fight for sephene", Giordiz. promest! \$333, 1940, 35. f. . 13-14.

So: W-2004, 12 Peb. 60 (Letopiz! Zhurnel 'ngih Statey, Es. 1, 1969).

KARPENKO, V.I.; GONCHARENKO, V.K., glavnyy inzhener zaveda.

We will double alcohol output. Gidroliz. i lesekhim.prem. 8 no.7:
27-28 '55. (MIRA 9:4)

1. Direktor Kraeneyarskogo gidroliznege zaveda (for Karpenko)

(Alcohol)

AUTHOR:

Karpenko, V.I., Engineer

SOV-98-58-10-1/16

TITLE:

Certain Problems in the Lowering of Construction Costs of Hydroelectric Power Plants in the Ukraine (Nekotoryye voprosy snizheniya stoimosti stroitel'stva Ges na Ukraine)

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 10, pp 1-4 (USSR)

ABSTRACT:

The author presents the preliminary results of experience in the economical designing and planning of electric power plants. Special regulations for an efficient planning and designing of hydraulic engineering structures were issued by the Ministry of Electric Power Plants of the USSR. Improvements realized in the project of the Dneprodzerzhinsk Electric Power Plant project were realized as follows: by downgrading the class of the electric power plant; by increasing the specific water discharge with a resulting reduction in the dam front. The GES building was directly connected with the navigation sluice. An economy of 25,000 cu m of concrete was thus obtained. A design for the most rational type of electric plant building is being developed by the

Card 1/2

14(6,10) 307/06-59-5-5/21

AUTHORS: Kuznetsov, D.A., and Karpenko, V.I., Engineers

TITLE: Experience in Designing a Large Hydroclectric Instel-

lation With Maximum Use of Prefub Reinforced Sourcese

Elements

FERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 5,

pp 19-24 (USSR)

ABSTRACT: The article gives data on a hydroclectric rower pro-

ject of 220,000 kw designed for experimental jurposes by the Ukrainskoye otdeleniye Gidroenergoproyekta (Ukrainian Branch of the Gidrochulgogrovekt) with suggestions of Professor P.S. Repercanning taken into

account. The project calls for application of lighter construction methods in which the use of up to 60% of prefab elements is warranted. The specifications are as follows: power - 220,000kw; power output per year - 500,000,000 kwhr lam length - 10 length 15 km; number of power generating units - 6; tyre and size

Card 1/2

of the power generating units - IL col - VB - 970;

Experience in Designing a Large Hydroelectri. Installation With Maximum Use of Frefab Reinforced Concrete Elements

resting on the turbine's cover lids. The projected power center is to be located on the Desna river; just upstream from where it flows into the Dnepr river. Compared with the uneconomical construction methols applied hitherto, the new power center will 800,000 cu m in old estimates. Its construction have a total concrete volume of 495,000 cu m against costs will amount to only 1,070 million rubles against 1,666 million as estimated before. The construction will take a maximum of 5 years instead of 4-5 years, with a labor force of only 5,000 men. The following hydroelectric power plants, their dams, and construction organizations are cited in connection with construction data: Kiyev gas, Kanev gas, Income Kremenchug gas, Dnepr perzhinsk gas, the dam of the stroy, and Dneprostroy. There are 4 subs of diagrams and 5 tables.

Card 2/2

KNYACEVA, K.I., otv. red.; KARPENKO, V.I., red.; SHUMILINA, V.P., red.
TSILIN, A.P., red.; OBZHIGALIN, K.P., red.; MEMESHKINA, L.I.,
tekhn. red.

[Sakhalin Province; collection of erticles] Sakhalinskaia oblast;
sbornik statei. IUzhno-Sakhalinsk, Sakhalinskoe knizimoe izd-vo,
1960. 367 p. (MIRA 14:6)

(Sakhalin)

Warpenko, V.L.; Kalinin, A.I., inzhener.

Use of pipe condensers for cooling hydrogen used in moisture extraction. Masl. -zhir.prom 19 no.2:36-38 '54. (MLRA 7:4)

1. Zaporozhskiy zhirkombinat. (Hydrogenation) (Refrigeration and refrigerating mashinery)

ARUTYUNYAM. N.S., inzh.; KARPENKO, V.L., inzh.; BLOSHCHANENKO, N.P.

Experience in the packaring of margarine at the Zaporozh'ye Oils and Fats Combine. Masl.-zhir. prom. 25 no.6:44 '59.

(MIRA 12:8)

1. Zaporozhskiy maslozhirovoy kombinat.

(Zaporozh'ye-Oleomargarine-Packaging)

Moistening of oil-cake meal. Hast.-zhir.prom. 26 no.11:37 i 169.

1. Zagorozhskiy maslochirovoy kombinat.
(Aporozh!ye--011 industries--By-products)

KARPENKO, V.L., inzh.; BLOSHCHANENKO, N.P., inzh.; TURBOVETS, Yu.I.

Work experience of a gas plant producing hydrogen and oxygen.

Masl.-zhir.prom. 27 no.5:37-39 My '61. (MIRA 14:5)

1. Zaporozhskiy maslozhirovoy kombinat.
(Zaporozh'ye--011 industries--Equipment and supplies)
(Hydrogen) (Oxygen)

KARPENKO, V.M.

Clinical aspects and treatment of sympathetic ganglionitis.

Zhur. nevr. i psikh. 63 no.10:1509-1514 '63. (MIRA 17:5)

1. Kafedra nervnykh bolezney (zav. - prof. N.S. Chetverikov) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskova.

KUKSIN, 1.1., POTERMAN, 1.1.; VEREMIN, 1.A.; ROTHITSKIY, M.L.; SIKHARULIDZE, V.C.; KARFERZO, V.M.

from molten blast-furnace slag. Stroi. mat. 11 no.4:32-34 Ap 165. (MIRA 18:6)

1. Institut Teploproyekt (for Kuksin, Biterman, Yeremin, Rosmatskiy). 2. Rustavskiy zavod mineralovatnykh izdeliy (for Sikharulidze). 3. Krivorozhskiy metallurgicheskiy zavod imeni Lenina (for Karpenko).

ZORIN, L.F., inzh.; KARPENKO, V.M.

Improving boring and blasting operations at the Scott Regard strip mine. Gor. zhur. no.5:69-70 My 165. (MIRA 18:5)

1. Trest Novovolynskugol* (for Zorin). 2. Hozdol*skiy gornokhimi-cheskiy kombinat (for Karpenko).

ZIL'BERHAN, D.B.; KARPENKO, V.N.

Significance of determining C-reactive protein in some clinical hematological syndromes. Probl. gemat. i perel. krovi 9 no.7: 24-26 Jl '64. (MIRA 18:3)

1. Otdel klinicheskoy gematologii (zav. - prof. D.N. Yanovskiy) Ukrainskogo nauchno-issledovatel'skogo instituta klinicheskoy meditsiny imeni Strazhesko (dir. - prof. A.L. Mikhnev), Kiyev.

Unif the ,V.P., Orad Die Jei — (die) " with the thin and reclary of the logical forus 243.4 Analytical helps (Faller, 1778). "The world limited in the set in her ded Dei Tecon, 1998. 10 pe (herd dei Union. Harrier Zeelen and 1 monited or), 177 center (11,43-57, 171)

KOTOV, P.F., kand.sel'skokhoz.nauk, glavnyy red.; ALEKSANDROV, N.P., kand.sel'skokhoz.nauk, red.; KARPENKO, V.P., red.; KVASNIKOV, V.V., prof., doktor sel'skokhoz.nauk, red.; KOROL'KOV, V.I., prof., red.; PODGORNYY, P.I., prof., red.; SKACHKOV, I.A., kand.sel'skokhoz.nauk, red.; ZAPIVAKHIN, A.I., red.; KALASHNIKOVA, V.S., red.; GUREVICH, N.M., tekhn.red.

[Farm management system in the Central Black Earth Region] Sistema vedeniia sel'skogo khoziaistva v TSentral'no-chernozemnoi polose. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1961. 470 p. (MIRA 14:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina. 2. Zemestitel' direktora Instituta sel'skogo khozyaystva imeni V.V.Dokuchayeva (for Kotov). 3. Direktor filiala
po TSentral'no-chernozemnoy polose Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Aleksandrov).
4. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk im. V.I.Lenina (for Kvasnikov). 5. Voronezhskiy zoovetinstitut
(for Korol'kov). 6. Voronezhskiy sel'skokhozyaystvennyy institut
(for Podgornyy). 7. Direktor Mauchno-issledovatel'skogo instituta
sel'skogo khozyaystva TSentral'no-chernozemnoy polosy imeni V.V.
Dokuchayeva (for Skachkov).
(Central Black Earth Region--Agriculture)

VELICHKO, Yu.T. [Velychko, IU.T.], prof., doktor tekhn.nauk; SOBOLEVSKIY, K.M. [Sobolevs kyi, K.M.], kand.tekhn.nauk, starshiy nauchnyy sotrudnik; KOVAL CHUK-IVANYUK, Yu.V.; KARPENKO, V.P.; GURSKIY, G.I. [Hurs kyi, H.I.]; KOSENKO, M.Ye. [Kosenko, M.IU.]; GRINCHISHIN, D.G. [Hrynchyshyn, D.H.], red.-leksikograf; LABINOVA, N.M., red.; KADASHEVICH, O.O., tekhred.

[Russian-Ukrainian dictionary of radio engineering] Rosiis koukrains kyi elektroradiotekhnichnyi slovnyk. 30 000 terminiv.
Ukladachi: IU.T.Velychko i dr. Kyiv, Vyd-vo Akad.nauk URSR,
1961. 534 p.
(Radio--Dictionaries)

(Russian language--Dictionaries--Ukrainian language)

Device for packing gaskets of stopping cocks. Shor.rats.predl.vnedr.v proizv. no.l:46 '61. (MIRA 14:7) 1. Metallurgicheskiy zavod "Amurstal'". (Packing (Mechanical engineering))

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2/716/61 015/049/302/019 2207/2001

24.2200 (1147, 1164, 1882)

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1.2110: Lipitostion of the Over uninge to here ring squetie than attends ties at high frequencies.

JULIUL: A. demigra neak Ukrayina'koji kuk. Emeryta's eleterytekininy. Johnik trudov, v. 15, 136.. Yoprody mighitayik immereniy, 15-26

Find: The author describes a varient of the Oten eridge, in itself for messaving the inductance of magnetic cores at the mensics from 100 kg, s to 3 kg/s. The author describes the orlige components and analyses the following appears: (1) Errors due to leakage currents and methods for reducing these errors; (2) selection of oridge components to ensure rapid balancing; (3) pensitivity; (1) mange of trequencies and inductances ever which the brance gives reliable results. It is stated that the measured inductance can range

from 10⁻⁶ to 0.1 H, provided its k-flector is between 1 and 200. There are 5 figures, 1 table and 4 Soviet-place references.

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and Register, J. S.

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Advication made Chraylanticyi KoR. Empyrar electroscillate by. obornik trudov, v. 18, 1961. Toprony magainary as is-Juliania :

moreniy, 27-37

2002: The authors consider various methods of automatic control of a differential calorimeter used to measure losses in ferromagnetic The torical set high frequencies. A ferromagnetic sample, subjected to a placed in a measuring calorinoter. Another isometed extension usrves as a standard: Heat is supplied to it watch temperatures are The same in both colorideters. When the temperatures are equal, heat is supplied to both calorimeters at the same rate and the elcutric losses in the cample can be deduced from the electrical

Jura 1/2

Selecting the automatic...

3/716/61/01e/000/009/019 J207/J901

Dower supplied to the standard enformater. The authors show that these measurements can be automated by suitable control of the jow-cut supplied to the standard enformator. The authors also a continuous and intermittent methods, using either temperature or its rate of sharp with time as the input signal. It was found that the simplest and most satisfactor, system was an intermittent control system, based on temperature as the input signal. This signal was another and ased to work a polarized relay which controlled the experimentally and found to be reliable and accurate. There are 4

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June 2/2

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Herperile, V. P. and Lymbeltonies, J. J.

117

Problem in the employees of a city resting a constant motor for a cost of members and

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Collecting for sheet of requirements to be desirabled by a midistressic collecting for such to measure lesses in ferrom specify sumples onto feated to sem, fields. One such instrument for measurements in the first placed in measurement double-walled glass cells filled with interpolation behaviors and protected by at outer mouth countries with formal polystyrens and protected by at outer mouth country (substitution of o.e.m.). The space between the polystyrens and the metal is milled with oil. Remperature is measured in the onlocation of sells with chromel-'most themselves (ps.5) of a 25.5% if allow) and Ourd 1/2

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3/715/61/015/000/012/01; DL07/DE61

342: 0/2

DOMAROVSKIY, V.V., kand.tekhn.nauk; TSIRLIN, Yu.L., inzh.; KARPENKO, V.P.

Internal short-circuits in the loop windings of synchronous machines. Izv. vys. ucheb. zav.; energ. 6 no.10:16-21 0 '63. (MIRA 16:12)

l. Vsesoyuznyy nauchno-issledovatel skiy institut elektromekhaniki, Leningrad.

W.P. KARPENKO

112-1-115 D

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957.

Nr 1, p.15 (USSR)

AUTHOR:

Karpenko, V.P.

TITLE:

Investigation of Connection Diagrams and Arrangements for Testing Ferromagnetic Materials in an Alternating Magnetic Field of Medium and High Frequencies (Issledovaniye skhem i ustroystv dlya ispytaniya ferromagnitnykh materialov v peremennom magnitnom pole povyshennykh i vysokikh chastot)

ABSTRACT:

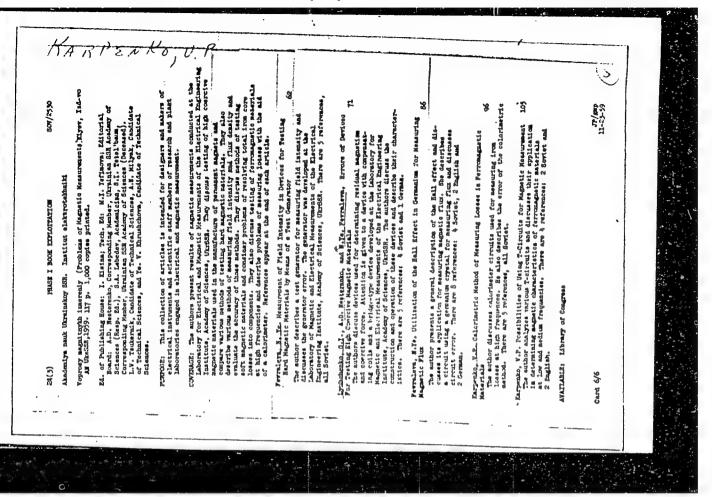
Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Institute of Electrical Engineering, Ukrainian SSR Academy of Sciences, (In-t Elektrotekhn. AN UK SSR) Kiyev, 1956

ASSOCIATION: Institute of Electrical Engineering, Ukrainian SSR Academy of Sciences (In-t Elektrotekhn. AN UK SSR. Kiyev).

Card 1/1

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24,2200 (1138, 1160, 1162)

86308

S/115/60/000/008/014/014/XX B021/B058

AUTHOR:

Karpenko, V. P.

TITLE:

Use of a Differential Calorimeter for Magnetic Measurements

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 8, pp. 19 - 23

TEXT: The author studied the use of a differential calorimeter for measuring losses in ferromagnetic materials. The calorimeter installation must be highly sensitive since during operation the losses in the cores of the apparatus at increased and high frequencies are generally only units and fractions of watts, respectively. A differential calorimeter connected according to Hund's law (Fig. 1) is suited best, since it permits the exclusion of losses in the copper of the magnetizing windings from the measuring results. The general equation for the heat balance of the calorimetric system is investigated next. It turned out that the temperature difference to be measured (in an unstable state) is direct proportional to the amount of heat supplied and inversely proportional to the specific heat of the system, and does not depend on the temperature coefficient of

Card 1/3

86308

Use of a Differential Calorimeter for Magnetic Measurements

S/115/60/000/008/014/014/XX B021/B058

the heat transfer coefficient. The measuring methodics are described next. Three measuring methods of ferromagnetic samples by means of a differential calorimeter are studied depending on precision and length of the measuring procedure: 1) Under steady conditions and with perfectly equilibrated systems. This method is described as being the most accurate one, the measuring procedure being, however, lengthened (Fig. 2). 2) Under steady conditions and with incompletely equilibrated systems. 3) For measurements in intransient conditions the output to be measured is determined from a formula given here. A number of shortcomings and errors can be excluded when using a differential system of calorimeters. With complete equality of the calorimetric vessels, errors can be excluded, which are caused by heat emission of the outer vessel surface, the thermal conductivity of parts of the system which are in the air, the thermal conductivity and convection of the heat-insulating layers of air and the difference of the thermocouples. There are, however, some more factors influencing the accuracy of the results: insufficient sensitivity of the system, influence of parasitic electromotive forces in the thermocouple circuit, frequency errors, and the inequality of the properties of calorimetric vessels. A \(\cap 3C \) (G3S) galvanometer was used in the Card 2/3

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CIA-RDP86-00513R000720820014-7

Use of a Differential Calorimeter for Magnetic Measurements

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thermocouple circuit. Finally, it is stated that the calorimetric measuring method for losses in ferromagnetic materials may be used for checking the precision of measuring appliances, as well as for controlling the magnetic characteristic values of the materials at increased and high frequencies under laboratory conditions and at research institutes. This method is depractically independent of the frequency. The calorimetric differential materials at high-precision measurement of small losses in ferromagnetic steady conditions and with perfectly equilibrated systems can be carried out with an accuracy of \pm 1%. Sensitivity can reach 0.005 mw. There is

Card 3/3

KARPENKO, V.P.

Use of Ouen's bridge for measuring magnetic characteristics at increased frequencies. Sbor.trud.Inst.elektrotekh. AN URSR no. 18:16-26 '61. (MIRA 15:2) (Cores (Electricity)—Measurement)

GERASHCHENKO, O.A.; DEKHTYARENKO, P.I.; KARPENKO, V.P.; KHRIZMAN, S.S.

Choice of a network for the suteration of the su

Choice of a network for the automatic control of a calorimeter. Sbor.trud.Inst.elektrotekh. AN URSR no.18:27-37 '61. (MIRA 15:2) (Calorimeters) (Automatic control)

KARPENKO, V.P.; PRUZHIN, A.V.

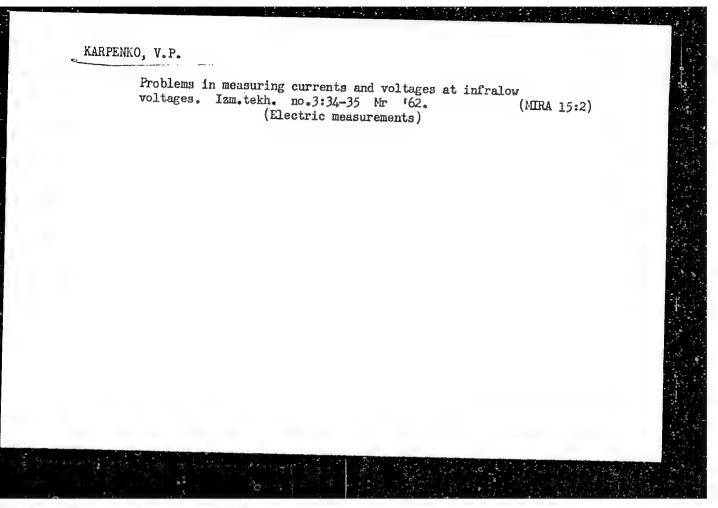
Study of the existing methods for measuring the magnetic permeability of circular objects. Sbor.trud.Inst.elektrotekh. AN URSR no.18:90-95 61. (MIRA 15:2)

(Magnetic materials-Measurement)

KARPENKO, V.P.; LYUBCHENKO, G.I.

Problem concerning the design of a differential calorimeter for magnetic measurements. Sbor.trud.Inst.elektrotekh. AN URSR no.18: 96-101 '61. (MIRA 15:2)

(Calorimeters) (Magnetic measurements)



KHUTORETSKIY, G.M., inzh.; SOROKINA, A.A., inzh.; SHALYT, L.D., inzh.; KARPENKO, V.P., inzh.

Varying magnetic fields in inductor machines. Vest.elektroprom. 33 nc.4:21-26 Ap *62. (MIRA 15:4) (Electric machinery, Synchronous)

NESTERENKO, A.D. (Kiyev); KARPENKO, V.P. (Kiyev); TiuTIN, A.A. [Tiutin, A.O.]

Convergence and sensitivity of four-arm bridge circuits. Avtomatyka
9 nc.6:64-68 164.

(MIRA 18:1)

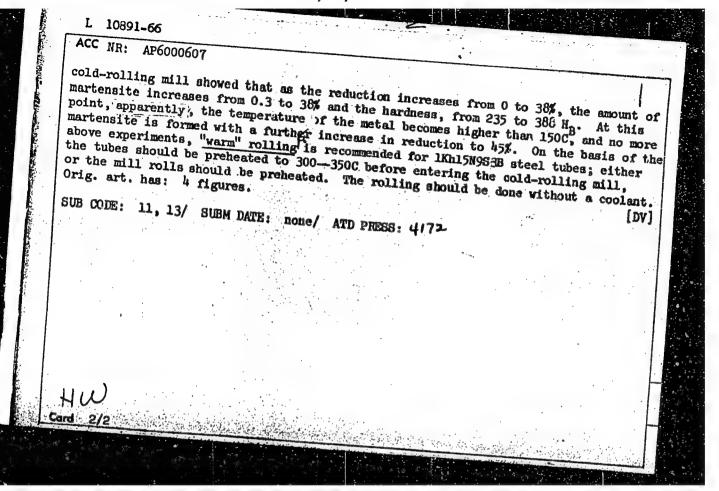
SOROKINA, A.A., inzh.; KARPENKO, V.P., inzh.

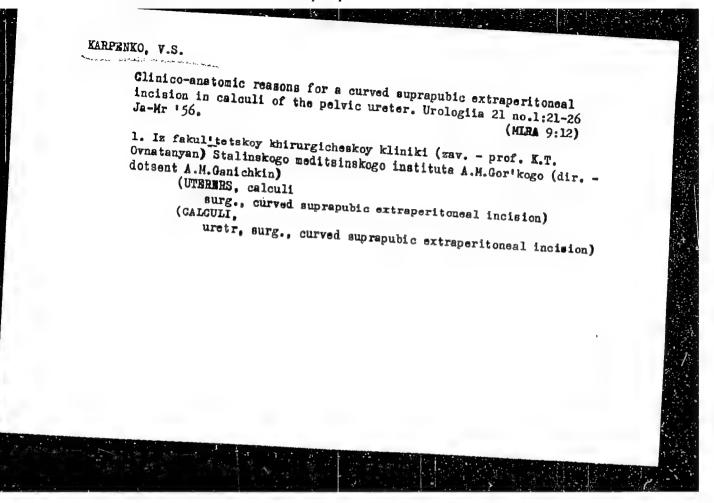
Testing the heating of the TVV-200-2 turbogenerator, blek, cta. 35 no.6:83-84 Je *64. (MIRA 18:1)

reversed alpha-to-gamma transformation, but in following cold working, the austenite transforms back into martensite. Examination of a tube section taken from a stopped

Card 1/2

UDC: 620.18:669.14.018.8





KARPENKO, VS.

PHASE I BOOK EXPLOITATION 982

Voprosy geologii urana (Problems in the Geology of Uranium) 159 p. (Series: Atomnaya energiya. Prilozheniye, 1957, no. 6) 7,000

Resp. Ed.: Konstantinov, M.M.; Tech. Ed.: Usachev, G.L.

PURPOSE: This book is of interest to uranium exploration specialists and geologists studying associated minerals.

COVERAGE: The present collection of 12 articles by different authors discusses the genesis of uranium deposits, uranium mineralogy, and methods of research and analysis used in evaluating ores. Several new minerals are described and a review of aerogeophysical exploitation in the United States, Canada and Australia is given. The articles are accompanied by diagrams, tables, photographs, and bibliographic references.

Card 1/3

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KARPENKO, V.S.

Functional state of abdominal muscle tension flollowing removal of ureteral calculi through a suprapubic curved incision. Urologiia 24 no.3:35-36 My-Je '59. (MIRA 12:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. K.T. Ovnatanyan) Stalinskogo meditsinskogo instituta. (URETERS, calculi,

surg., eff. of suprapubic curved incision on abdom. musc. tension (Rus))

(ABDOMINAL WALL, physiol.

musc. tension after suprapuble curved incision for ureteral calculi extraction (Rus))

Late results of ureterolothotomy. Urologiia no.4:24-28 '61.

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. K.7.
Ovnatanyan) Stelinskogo meditsinskogo instituta na baze klinicheskoy bol'nitsy imeni M.I. Kalinina.
(CALCULI, URINARY)

KARIENKO, V. V. Card. Tech. Sci.

Dissertation: "Layer Combestion of Brown Coals of the Ukrainian SSR." Power Engineering Inst imon! G. M. Krzhizhanovskiy, Acad Sci USSR, 19 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

KARPENKO, V.V., detsent, starshiy nauchmyy sotrudnik.

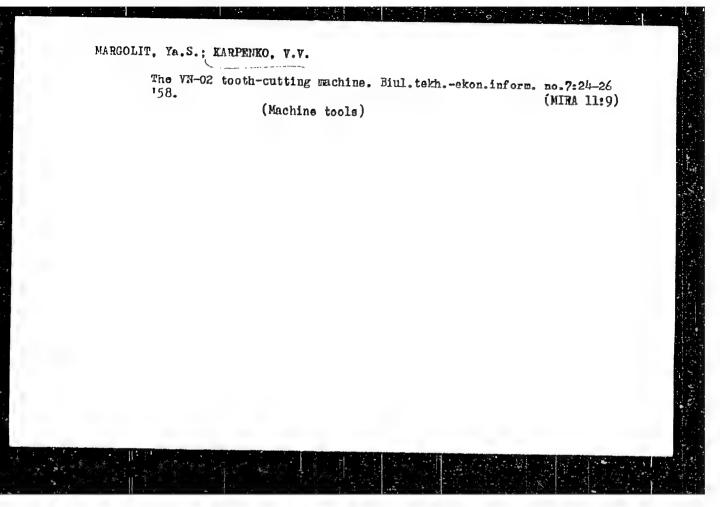
Simplest systems and impulse devices for pressure regulating equipment. Sher.trud.Inst.energ.AN URSR ne.3:99-105 '48. (Steam power plants) (Autematic centrel) (MLRA 9:1)

KARPENKO, V.V., kand.tekhn.nauk, dotesnt; KHATSINOV, N.I., kand.tekhn.nauk, dotsent

Mechanization of grain cleaning and drying barns. Nauch. zap.

KHIMSKH no. 11 Fak. mekh. sel'khoz. 1:27-39 '58. (MIRA 14:3)

(Grain-handling machinery)



KARPENKO, V.V., kand.tekhn.nauk; KHATSINOV, N.I., kand.tekhn.nauk;
TVERSKOY, M.I. [Tvers'koi, M.I.], kand.tekhn.nauk; ZUEKOVA, A.S., inzh.

Grip for removing ensilage. Mekh. sel'. hosp. 9 no.9:20-21 S '58.

(Hoisting machinery) (Ensilage)

(MIRA 11:10)

KARPENKO, V.Ye.; LYMAR!, A.O.

Mechanized harvesting of peas. Kons.i ov.prom. 16 no.5:23-24 My (MIRA 14:5)

Khersonskiy sel'skokhozyaystvennyy institut (for Karpenko).
 Sovkhoz "Gorodniy veleten'" (for Lymar').

(Peas)

KARPENKO, V.Ye.

Efficiency of saturation irrigation in the growing of green peas. Kons.i ov.prom. 18 no.2:32-33 F 163. (MIRA 16:2)

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KARPENKO, Ya., pensioner

There will be no profit from such "visits." Sov.profsoiusy 18 no.23:23 D *62. (MIRA 15:12)

l. Neshtatnyy instruktor otdela orgmassovoy raboty respublikanskogo soveta professional'nykh soyuzov, g. Kishinev, Moldavskaya SSR.

(Moldavia—Trade unions—Officers)

RHARLAMOV, V.F., ingh.; KARPENKO, Ye.F.

Preparation and use of dry graphite lubricants in railroad repair shops. Elek.i tepl.tiaga. 4 nc.6:6-8 Je *60.

(MERA 13:8)

1. Glavnyy inzbener depo Barabinsk Omskoy dorogi (for Karpenko)

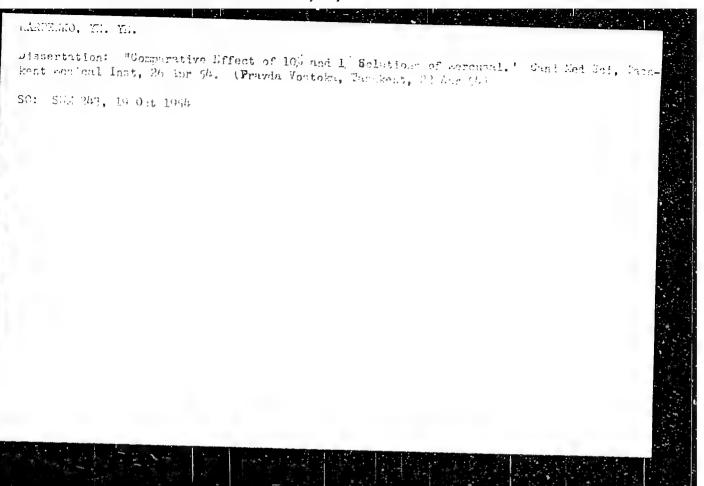
(Mailroads--Repair shops) (Graphite)

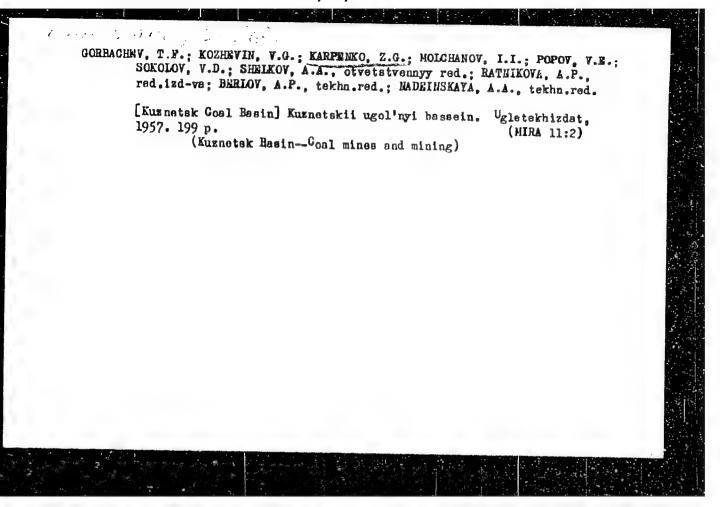
Prevention of surgical shock with penicillin. Khirurgiia 36 no.7:
105-107 Je '60. (MIRA 13:12)
(SHOCK) (PENICILLIN) (SURGERY, OPERATIVE)

SKOBUNOVA, A.H., prof.; KARPENKO, Ye.S., kend.med.nsuk

Problems of scute obstruction of mesenteric vessels. Khirurgiia
33 no.6:62-67 Je '57.

1. Iz kefedry operativnoy khirurgii i topograficheskoy enatomii
(zav. - prof. A.I.Skobunova) Sverdlovskogo meditsinskogo instituts
(ARTERIES, MESENTERIC, dis.
exper. occlusion, funct. & pathol. changes)



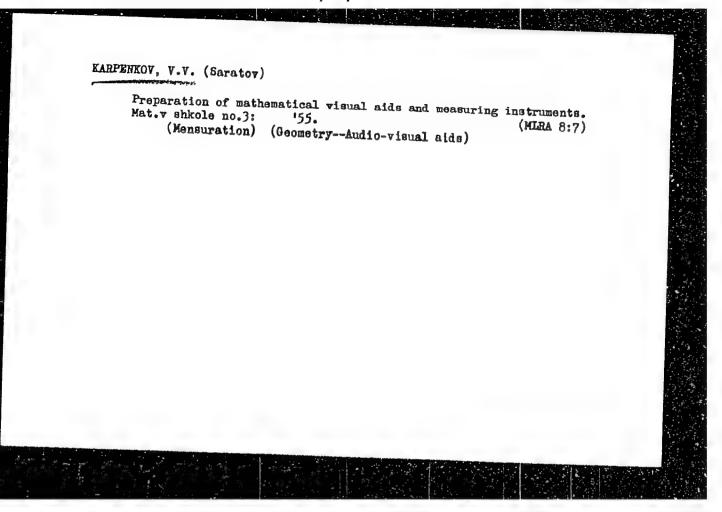


KARPENKO, Zinaida Georgiyevna; OKLADNIKOV, A.P., doktor ist. nauk, otv. red.; GROMYKO, M.M., kand. ist. nauk, otv. red.; NAZARYANTS, T.M., red.; LOKSHINA, O.A., tekhn. red.

[Mining and metallurgical industry of Western Siberia during the period 1700 to 1860] Gornaia i metallurgicheskaia promyshlennost' Zapadnoi Sibiri v 1700-1860 godakh. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1963. 213 p.

(MIRA 16:7)

(Siberia, Western-Mines and mineral resources)



Contents of tests in elgebra for the grades 6-8. Mat.v shkole no.6:40-41 N-D '57. (MIRA 10:11)

(Algebra--Study and teaching)

Determination of the parameters of strap coils. Elektrichestvo no.1:62-67 Ja '63. (Electric coils)

STERNIN, V.G., inzh.; KARPENSKIY, A.K., inzh.; DVOSKIN, L.I., dotsent

Characteristics and applications of doubled current limiting reactors. Elek.sta. 34 no.2:65-69 F '63. (MTRA 16:4) (Electric reactors) (Electric power distribution)

KARPENSKIY, A.K., inzh.; STERNIN, V.G., inzh.; SHMUKLER, I.Z., inzh.

Groupings of current limiting reactors. Elek. sta. 34 no.8:
54-57 Ag *63.

(MIRA 16:11)

STERNIN, Vul'f Grigor'yevich; KARPENSKIY, Arnis Krish'yanovich;
RATGAUZ, I.I., red.

[Dry electric current limiting reactors] Sukhie tokoogranichivaiushchie reaktory. Moskva, Energiia, 1965.
255 p. (MIRA 19:1)

SHMUKLER, I.S., inzh.; KARPENSKIY, V.K., inzh.

Calculation of concrete columns for dry enrest limiting reactors. Elektrotekhnika 36 no.5:32-35 My *65. (MIRA 18:5)

KARPESH, B.P., mashinist, Geroy Sotsialisticheskogo Truda, delegat XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza

On the way to mass electrification of transportation. Elek.i tepl.tiaga 5 no.11:3 N 161. (MIRA 14:11)

1. Depo Kurgan, Yuzhno-Uraliskoy dorogi.
(Ural Mountain region--Railroads--Electrification)

KARPESH, B.P., delegat XXII s"yezda Kommunisticheskoy partii
Sovetskogo Soyuza

A participant in the conference has the word. Elek. i tepl.
tiaga no.5:12-13 My '63. (MIRA 16:8)

1. Mashinist-instruktor depo Kurgan.
(Railroads—Employees)

KARPESHKO, Yu. YE.

6(7);9(3) 9.4

PHASE I BOOK EXPLOITATION

sov/2666

USSR. Ministerstvo svyazi. Tekhnicheskoye upravleniye

Elektronnaya fototelegrafiya; informatsionnyy sbornik (Electronic Facsimile Systems; Information Handbook) Moscow, Svyaz'izdat, 1958. 132 p. (Series: Tekhnika svyazi) 9,000 copies printed.

Resp. Ed.: B. Z. Kisel'gof; Ed.: L. S. Salitan; Tech. Ed.: K. G. Markoch.

PURPOSE: This collection of articles is intended for specialists in facsimile systems.

COVERAGE: This collection summarizes information on Soviet and non-Soviet developments in electronic facsimile systems and equipment. Results of investigations in this field at the laboratory of the NIITS (Scientific Research Institute of City and Rural Telephone Service) are presented. These investigations were connected with a project for the adaptation of regular telephone channels, wideband channels and direct communication links for facsimile transmission in place of the previously used special facsimile transmission channels.

Card 1/7

"APPROVED FOR RELEASE: 06/13/2000

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Electronic Facsimile Systems (Cont.)

sov/2666

The necessity of replacing drum scanning by planar and of introducing several improvements in the transmitting and receiving equipment led to intensified research in this field. Thus emerged the idea of using cathode-ray tubes in those systems similar to the ones used in television. References follow each article.

TABLE OF CONTENTS:

Foreword

3

Yurchenko, V. P. Problems in Electronic Facsimile Systems

The author describes the principles in the design of analyzing and sythesyzing devices and enumerates the requirements of cathoderay tubes and special features of their performance for facsimile systems. The problems of designing picture elements, the recording system and methods of securing stability of operation are also described. The author reveals some deficiencies of separate technical solutions, studies methods for improving them and discusses some theoretical problems in the development of a facsimile system. He also presents a brief history of the problem with some details on

Card 2/7

Electronic Facsimile Systems (Cont.)

sov/2666

Soviet accomplishments since 1950. The following mentioned institutions have made contributions in research on electronic scanning: The Leningrad Electrical Engineering Institute of Communications under the direction of P.V. Shmakov, the Leningrad branch of NIITS, the Odessa Electrical Engineering Institute and the Scientific Research Institute of the Ministry of Communications. There are 27 references: 17 Soviet, 7 English and 3 German.

Yurchenko, V. P. The Resolving Power of a Facsimile System With Electronic Scanning

The author presents details of investigations on the resolving power of cathode-ray tubes taking into consideration a required increase in brightness intensity necessary in documentary reproduction of images. Similar data, according to the editors, have been published for the first time and may be of considerable interest to specialists for facsimile, television

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Card 3/7

Electronic Facsimile Systems (Cont.)

SOV/2666

and vacuum tube techniques. The author discusses the evaluation of the resolution of a facsimile system which uses experimental cathode-ray tubes of the 18LK9Zh, 18LK9A and other types, and he defines the requirements for the size of the spot on the tube screen. A schematic diagram of the experimental layout is presented and the methods and results of measurements are given. There are 6 Soviet References.

Karpeshko, Yu. Ye. Half-tone Distortions in Facsimile Systems With Electronic Scanning

67

The author examines the half-tone characteristic of the facsimile system. This characteristic is determined by the characteristic of the the analysis and synthesis of half-tones and by the amplitude characteristic of the electric channel. The study of such characteristics for various kinds of analyzing and synthetizing devices is well described in technical literature. However, according to the author, the characteristic of the synthesis of half-tones in facsimile systems with electronic scanning of the image, where the role of light modulator is accomplished by a cathode-ray tube, has not yet been adequately studied. The author investigates the half-tone characteristic of the system, assuming a linear amplitude characteristic of the communication channel. The author compares favorable

Card 4/7

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820014-7

Electronic Facsimile Systems (Cont.)

sov/2666

experimental results with analytical investigation and presents results in two tables and 4 diagrams. There are 4 Soviet references.

Syetlov, N. I. Methods of Elimination of Perpendicular Streaks in the Half-tone Image Received With the Electronic Single-Scan Line Method

The author discusses methods for the elimination of parasitic perpendicular streaks appearing in the helf-tone image of the electronic facsimile system. These streaks are caused by the irregular luminescence of the luminophor along the scanning trace, resulting from nonuniformity of the structure or composition of the luminophor and also from defects in the glass of the tube screen. Since the technology of producing luminophores has not been perfected, the author looks for methods for eliminating the parasitic streaks. Among the electromechanical methods, he describes the "Scanning device" submitted by him in 1954, the method of rotating the cathode-ray tube, submitted in 1954 by P. A. Yunakov and the electronic-mechanical vertical sweep method,

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Card 5/7

KARPESHKO, Yu. Yo., Candidate of Toch Sci (diss) -- "Problems of recording phototelegraphic images using cathodo-ray tubes". Leningrad, 1959. 14 up (Min Communications USSR, Leningrad Electrical Engineering Inst of Communications in Professor M. A. Bonch-Bruyevich), 125 copies (KL, No 20, 1959, 112)